

PRODUCT DATA SHEET

Sikafloor® M 866

(formerly MSeal M 866)

A tough elastic two component polyurethane membrane

DESCRIPTION

Sikafloor® M 866 is a two-component solvent free polyurethane coating suitable for use in traffic coating and roofing systems to provide crack bridging and waterproofing capability. When used in car park decking and roofing systems it will bridge dynamic cracks.

USES

Sikafloor® M 866 is used primarily as a durable elastic membrane in polyurethane coating systems for car parks and roofs.

FEATURES

- Tough
- Elastic
- Aggregate scatter does not sink through the wet coat

CERTIFICATES AND TEST REPORTS

ASTM C957

PRODUCT INFORMATION

Packaging	Sikafloor® M 866 is supplied in 25 kg units.
Shelf life	The shelf life is 6 months in unopened containers in cool and dry conditions.
Storage conditions	Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air conditioned environment. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

TECHNICAL INFORMATION

Tensile strength	6 N/mm ²	ASTM D412
Modulus of elasticity in tension	100%	ASTM D412

APPLICATION INFORMATION

Consumption / Yield / Dosage (PRINT single line)	From 0.5 kg/m ² to 1.5 kg/m ² dependent upon application.
Substrate temperature	Application temperature The quality of the final finish is dependent on the substrate and the mater-

ial temperatures, we recommend a substrate temperature of min. +10°C and max. +35°C.

Pot Life

45 min at 25°C

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surface to be coated must be clean, dry free of laitance, oil, grease or any substance that may impair adhesion. The preferred method of surface preparation are; captive blasting, surface grinding or similar. Weak or damaged concrete must be removed, then replaced with a suitable repair compound from the SikaEmaco® or Sikadur® range of products. Surface conditioning / priming The prepared surface must be conditioned to receive the Sikafloor® M 866 by the application of Sikafloor® P 650 or Sikafloor® P 651.

MIXING

Mix the PTA and PTB components of the Sikafloor® M 866 together using a slow speed (400 rpm) drill with a spiral mixing head. Work the mixer round the mixing pail to ensure it scrapes the side and bottom of the pail. Pour the part mixed material into a clean pail and re-mix for a further 30 seconds.

APPLICATION

Car Park Applications:

For specific details and system build-up please refer to the relevant method statement and technical data for Sikafloor® Multiflex Traffic 1332 and Sikafloor® MultiflexTraffic 1342.

Roof Applications:

For specific details and system build-up please refer to the relevant method statement and technical data for Sikalastic® Roof 2166.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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